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### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A voice over Internet protocol (VoIP) ~~VoIP~~-telephone comprising:

a network communication system ~~(16)~~ for encapsulating data into IP frames ~~(42)~~ for exchange with remote devices over a frame switched network ~~(12)~~;

a system client application ~~(24)~~ coupled to the network communication system ~~(16)~~ for exchanging call set up messages ~~(44)~~ with a remote VoIP gateway ~~(36)~~ to establish a media channel for the exchange of media session data;

a dialog system ~~(32)~~ coupled to the network communication system, the dialog system comprising an audio signal processor, wherein the audio signal processor comprises: ~~(16)~~ for:

a compression module, wherein the compression module is adapted to:

translate ~~translating~~ frames of compressed digital audio data originated from a remote device to recreate remote voice band ~~(54)~~; and

detect and translate ~~detecting and translating~~ local voice band ~~(56)~~ to compressed digital audio data for transmission to the VoIP gateway ~~(36)~~; and

a signal detection module, wherein the signal detection module comprises:

an interpreter circuit;

a frequency detection circuit, wherein the frequency detection circuit is adapted to provide an indication of frequency patterns detected within the remote voice band to the interpreter circuit;

a cadence detection circuit, wherein the cadence detection circuit is adapted to provide an indication of cadence patterns detected within the remote voice band to the interpreter circuit;

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a phase shift detection circuit, wherein the phase shift detection circuit is adapted to provide an indication of phase shift patterns detected within the remote voice band; and

wherein the interpreter circuit is adapted to:

utilize a first table to generate a session status signal matching a combination of the frequency patterns, the cadence patterns and the phase shift patterns; and

detecting in-band signaling received from the VoIP gateway (36); and

provide the providing-session status signal signals (52), corresponding to the detected in-band signaling, to a presentation module (28); and

wherein the presentation module comprises a message look up table, the message look up table being adapted to store a plurality of session status messages, each in association with a session status signal; and

wherein the presentation module is adapted to:

receive (28) receiving the session status signal signals (52);

look up, in the message look up table, the session status message the corresponds to the session status signal; and

drive driving a display of the session status message messages (50) on a display screen (30).

2. (Currently Amended) The VoIP telephone of claim 1, wherein:

the frequency detection circuit is further adapted to provide an indication of frequency patterns detected within the local voice band to the interpreter circuit;

the cadence detection circuit is further adapted to provide an indication of cadence patterns detected within the local voice band to the interpreter circuit;

the phase shift detection circuit is further adapted to provide an indication of phase shift patterns detected within the remote voice band; and

wherein the interpreter circuit is further adapted to utilize the first table to generate a session status signal matching a combination of the frequency patterns, the cadence patterns and the phase shift patterns of the local voice band; and

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~~wherein the system client (24) further provides session status signals (52) to the presentation module (28) and the presentation module (28) drives the display of session status messages (50) in accordance with both the session status signals from both the remote voice band and the local voice band. (52) from the dialog system and the system client (24).~~

Claims 3 - 11          Canceled.

12.    (Currently Amended) The VoIP telephone of claim 6, further comprising:
- a key pad system (58) for modulating the local voice band (56) with a tone corresponding to an operator depressed key to generate an in-band signaling (62) within the local voice band (56); and
  - the in band signal detection module further detects in-band signaling within the local voice band and generates a session status signal corresponding thereto;

Claims 13 – 23        Canceled.

24.    (New) The telephone of claim 2, wherein the interpreter circuit is adapted to provide a busy status signal to the presentation module upon receiving:
- an indication that the frequency detection module has detected a frequency corresponding to a busy signal; and
  - an indication that the cadence detection module has detected a cadence pattern corresponding to busy signal.

25.    (New) The telephone of claim 2, wherein the interpreter circuit is adapted to provide a ring back status signal to the presentation module upon receiving:
- an indication that the frequency detection module has detected a frequency corresponding to a ring back signal; and
  - an indication that the cadence detection module has detected a cadence pattern corresponding to ring back signal.

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26. (New) The telephone of claim 2, wherein the interpreter circuit is adapted to provide a particular caller ID digit status signal to the presentation module upon:

- receiving an indication that the phase shift detection circuit has detected a phase shift pattern corresponding to the particular caller ID digit;

- determining that the phase shift pattern corresponding to the particular caller ID digit is after receiving an indication that the phase shift detection circuit has detected a phase shift pattern corresponding to the start of caller ID data; and

- determining that the phase shift pattern corresponding to the start of caller ID data is between rings of a ring back tone.

27. (New) The telephone of claim 12, wherein the interpreter circuit is adapted to provide a particular digit status signal to the presentation module upon receiving:

- an indication that the frequency detection module has detected a frequency corresponding to a DTMF tone of the particular digit; and

- an indication that the cadence detection module has detected a cadence pattern corresponding to a time duration typical of operator activation of the operator depressed key.